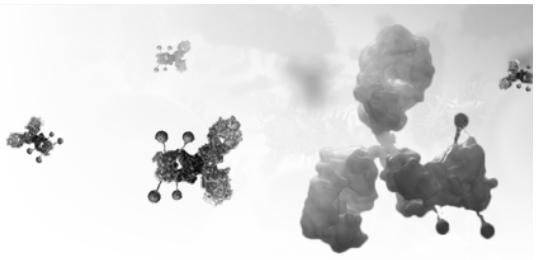

Mouse anti-Human BBS7 monoclonal antibody, clone 3I7 (CABT-B9837)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	BBS7 (NP_060660, 574 a.a. ~ 673 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3I7
Conjugate	Unconjugated
Applications	WB,ELISA
Sequence Similarities	SILKDVLSKEATKRKINLNISYEINEVSVKHTLKLIHPKLEYQLLLAKKVQLIDALKELQ IHEGNTNFLIPEYHCILEEADHLQEEYKKQPAHLERLYG*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes one of eight proteins that form the BBSome complex containing BBS1, BBS2, BBS4, BBS5, BBS7, BBS8, BBS9 and BBIP10. The BBSome complex is believed to

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	recruit Rab8(GTP) to the primary cilium and promote ciliogenesis. The BBSome complex assembly is mediated by a complex composed of three chaperonin-like BBS proteins (BBS6, BBS10, and BBS12) and CCT/TRiC family chaperonins. Mutations in this gene are implicated in Bardet-Biedl syndrome, a genetic disorder whose symptoms include obesity, retinal degeneration, polydactyly and nephropathy; however, mutations in this gene and the BBS8 gene are thought to play a minor role and mutations in chaperonin-like BBS genes are found to be a major contributor to disease development in a multiethnic Bardet-Biedl syndrome patient population. Two transcript variants encoding distinct isoforms have been identified for this gene.[provided by RefSeq, Oct 2014]
Keywords	BBS7; Bardet-Biedl syndrome 7; BBS2L1; Bardet-Biedl syndrome 7 protein; BBS2-like 1;

GENE INFORMATION

Entrez Gene ID	55212
UniProt ID	Q8IWZ6
Function	protein binding

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